94. (New) The method of claim 54 wherein said heating is conducted at a temperature of 800 to 1100 °C.

95. (New) The method of claim 55 wherein said heating is conducted at a temperature of 800 to 1100 °C.

96. (New) The method of claim 56 wherein said heating is conducted at a temperature of 800 to 1100 °C.

REMARKS

A final Office action mailed September 22, 2000, (Paper No. 19), has been received in the above-captioned application.

Applicant gratefully acknowledges that claims 37-48 are allowed.

Claims 1-3, 5-8, 10-14, and 16-48 are pending in the above-captioned application. By this Amendment, Applicant cancels claims 1-3, 5-8, 10-14, 16-20, 22-24, and 26-36 and adds claims 49-96. Claims 21 and 25 remain in the application for examination without amendment.

Applicant requests that the Information Disclosure Statement (IDS) filed herewith, and cited references, be entered and considered.

Although Applicant believes that the invention of claims 1-3, 5-8, 10-14, 16-20, 22-24, and 26-36 are patentable, for the sake of expediting the allowance of the remaining claims, these claims have been canceled without prejudice. Thus, any of the objections and rejections applicable to these claims is moot.

Independent claims 21 and 25 stand rejected under the judicially created doctrine of double patenting as being unpatentable over claims 1-18 of U.S. Patent No. 5,580,792. Applicant respectfully traverses this rejection.

Claims 21 and 25 define, among other things, "directing ions of an element which is inert with respect to said semiconductor film into a selected region of said semiconductor film." Applicant submits that the claims of the '792 patent do not recite this feature and that the invention defined by claims 21 and 25 is not an obvious variation of the invention defined by the claims of the '792 patent. Accordingly, the rejection of claims 21 and 25 under the judicially created doctrine of double patenting should be withdrawn in the next office action.

Claims 21 and 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nakajima et al. in view of Gibson. Applicant respectfully traverses this rejection.

Claims 21 and 25 recite, among other things, "directing ions of an element which is inert with respect to said

semiconductor film into a selected region of said semiconductor film." Applicant submits that the cited references do not teach or suggest the claimed combination defined in the claims, particularly the quoted limitation. Accordingly, the rejection of claims 21 and 25 under 35 USC 103(a) should be withdrawn in the next office action.

Claims 21 and 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent 5,580,792. Applicant respectfully traverses this rejection.

Claims 21 and 25 recite, among other things, "directing ions of an element which is inert with respect to said semiconductor film into a selected region of said semiconductor film." Applicant submits that the cited reference does not teach or suggest the claimed combination defined in the claims, particularly the quoted limitation. Accordingly, the rejection of claims 21 and 25 under 35 USC 103(a) should be withdrawn in the next office action.

Applicant has added new claims 49-96, which Applicant submits define an invention that is not anticipated by, and is nonobvious over, the cited references of record, taken singularly or in combination.

Applicant submits that no new matter is added by the addition of the new claims.

Applicant submits that all of the claims are now in condition for allowance, which action is requested. Filed herewith is a check in payment of the excess claims fees required by the above amendments and a petition for extension with the required fee. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 2/21/01

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